

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query  | DBs                          | Default Operator | Plurals | Time Stamp          |
|-------|------|---|------------------------------|------------------|---------|---------------------|
| S1    | 1    | 10/574035   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/09/29<br>17:45 |
| S2    | 2    | ("20030201357"  <br>"5799893").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/09/29<br>17:46 |
| S3    | 2    | 10/401248   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/09/29<br>17:47 |
| S4    | 15   | ("20030034644"  <br>"6012667"   "6206315"  <br>"6241172"   "6260782"  <br>"6290159"   "6360980"  <br>"6416006"   "6454201"  <br>"6564895"   "6616081").<br>PN. OR ("6834822").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/09/29<br>17:47 |
| S5    | 3    | ("20030201357"  <br>"5799893"   "6834822").<br>PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/09/29<br>17:48 |
| S6    | 38   | ("20030034644"  <br>"5522564"   "5526996"  <br>"5611498"   "5626306"  <br>"6012667"   "6206315"  <br>"6241172"   "6260782"  <br>"6290159"   "6360980"  <br>"6416006"   "6454201"  <br>"6564895"   "6616081").<br>PN. OR ("2003/0201357"  <br>"5799893"   "6834822").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR               | ON      | 2009/09/29<br>17:48 |

|    |     |  |                               |    |    |                     |
|----|-----|--|-------------------------------|----|----|---------------------|
| S7 | 360 | ("1165772"   "1335807"   "20010037907"   "20010040065"   "20010050474"   "20020038834"   "20020149191"   "20020166914"   "20030021357"   "20030024326"   "20030034644"   "20030132334"   "20030141398"   "20030192976"   "20030201357"   "20040021029"   "20040129455"   "20040206844"   "20050284978"   "20060076448"   "20060082126"   "20060124793"   "20060124795"   "20060131456"   "20060273210"   "2058618"   "2779175"   "2951548"   "3146847"   "3363478"   "3666198"   "3741494"   "3765700"   "3767134"   "3790099"   "3797603"   "3857528"   "3881667"   "3905562"   "3918545"   "3927846"   "3942819"   "3952967"   "3961761"   "3970265"   "3985189"   "4043437"   "4164335"   "4190138"   "4222246"   "4244600"   "4314680"   "4322046"   "4323205"   "4372580"   "4423846"   "4485986"   "4529143"   "4555075"   "4588144"   "4600164"   "4655312"   "4678134"   "4688825"   "4726540"   "4741491"   "4741556"   "4811913"   "4815674"   "4817754"   "4817885"   "4848795"   "4858953"   "4878880"   "4913497"   "4925212"   "4966394"   "4976474"   "5002236"   "5050815"   "5154368"   "5193760"   "5202831" | US-PPGPUB;<br>USPAT;<br>USOCR | OR | ON | 2009/09/29<br>17:49 |
|----|-----|--|-------------------------------|----|----|---------------------|

"5224736" | "5234181" |  
"5242213" | "5255868" |  
"5285983" | "5289987" |  
"5292153" | "5297752" |  
"5299854" | "5320385" |  
"5344095" | "5364168" |  
"5367917" | "5398185" |  
"5413378" | "5415431" |  
"5443222" | "5511739" |  
"5516199" | "5520376" |  
"5522564" | "5526996" |  
"5529258" | "5531479" |  
"5538098" | "5540461" |  
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"5558370" | "5568940" |  
"5571253" | "5588609").  
PN. OR ("5607023" |  
"5607118" | "5611498" |  
"5613647" | "5618006" |  
"5626306" | "5628469" |  
"5636806" | "5653462" |  
"5667161" | "5667246" |  
"5671894" | "5687925" |  
"5687960" | "5700034" |  
"5707291" | "5718451" |  
"5722611" | "5730239" |  
"5739757" | "5747696" |  
"5765774" | "5772144" |  
"5779178" | "5785269" |  
"5785347" | "5788176" |  
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"5794877" | "5794878" |  
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"5823570" | "5830811" |  
"5836534" | "5842657" |  
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"5904371" | "5924641" |  
"5931402" | "5934596" |  
"5934597" | "5938135" |  
"5954287" | "5961060" |  
"5967441" | "5967442" |  
"5979209" | "5984223" |  
"6012667" | "6019392" |  
"6029924" | "6053532" |  
"6065706" | "6068664" |  
"6105893" | "6105894" |  
"6106013" | "6131843" |  
"6145881" | "6158816" |  
"6164581" | "6206315" |

"6209916" | "6213510" |  
"6216972" | "6228480" |  
"6237959" | "6241172" |  
"6241280" | "6250579" |  
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"6311571" | "6311918" |  
"6312806" | "6318664" |  
"6341252" | "6343759" |  
"6360980" | "6364238" |  
"6367729" | "6374168" |  
"6416006" | "6416007" |  
"6416008" | "6427935" |  
"6435441" | "6439494" |  
"6443381" | "6447011" |  
"6447012" | "6450435" |  
"6499554" | "6513616" |  
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"6592064" | "6598904" |  
"6616081" | "6616186" |  
"6626463" | "6641075" |  
"6648260" | "6655626" |  
"6659505" | "6659549" |  
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"6726250" | "6729649").  
PN. OR ("6729693" |  
"6749225" | "6755369" |  
"6834822" | "6871877" |  
"6908112" | "6969022" |  
"7128343" | "7140641" |  
"RE29147" | "Re29147").  
PN. OR ("2003/0034644" |  
"5522564" | "5526996" |  
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"5924641" | "5934596" |  
"5967442" | "6012667" |  
"6206315" | "6241172" |  
"6250579" | "6260782" |  
"6283463" | "6290159" |  
"6309023" | "6360980" |  
"6416006" | "6416007" |  
"6439494" | "6454201" |  
"6513616" | "6564895" |  
"6616081" | "6648260" |  
"6786294" | "6863235" |  
"6874819" | "6916045" |  
"7025297" | "7128343" |  
"7140641" | "7144043" |  
"7240924" | "7273191" |  
"7318607" | "7370822" |  
"7410113").URPN.

|     |      |   |                              |    |     |                     |
|-----|------|---|------------------------------|----|-----|---------------------|
| S8  | 1    | ("6616081").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/09/30<br>12:37 |
| S9  | 4    | (("6616081") or<br>("20070145175") or<br>("7318560") or<br>("20060082127")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/09/30<br>14:31 |
| S10 | 23   | (("5785269"   "5799893"  <br>"5820056"   "5887814"  <br>"6012667"   "6105893"  <br>"6241172").PN. OR<br>("6616081").URPN.               | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/09/30<br>15:11 |
| S11 | 1893 | ((242/379.1) or (280/805)<br>or (280/807) or (297/471)<br>or (297/472) or (297/475)<br>or (297/476) or (297/477)<br>or (297/478)).OCLS. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/09/30<br>17:04 |
| S12 | 1300 | S11 and retract\$3  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/09/30<br>17:05 |
| S13 | 939  | S11 and retract\$3 and<br>(sens\$3 control\$4)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/09/30<br>17:06 |
| S14 | 790  | S11 and retract\$3 same<br>(sens\$3 control\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/09/30<br>17:07 |
| S15 | 664  | S11 and retract\$3 with<br>(sens\$3 control\$4)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/09/30<br>17:08 |
| S16 | 551  | S11 and retract\$3 near7<br>(sens\$3 control\$4)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/09/30<br>17:08 |
| S17 | 1    | 10/574035   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/10/01<br>10:50 |
| S27 | 1894 | ((242/379.1) or (280/805)<br>or (280/807) or (297/471)<br>or (297/472) or (297/475)<br>or (297/476) or (297/477)<br>or (297/478)).OCLS. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/10/01<br>10:50 |
| S28 | 1301 | S27 and retract\$3  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/10/01<br>10:50 |
| S29 | 940  | S27 and retract\$3 and<br>(sens\$3 control\$4)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2009/10/01<br>10:50 |

|     |     |   |                        |    |    |                  |
|-----|-----|---|------------------------|----|----|------------------|
| S30 | 791 | S27 and retract\$3 same (sens\$3 control\$4)  | US-PGPUB; USPAT; USOOR | OR | ON | 2009/10/01 10:50 |
| S31 | 665 | S27 and retract\$3 with (sens\$3 control\$4)  | US-PGPUB; USPAT; USOOR | OR | ON | 2009/10/01 10:50 |
| S32 | 552 | S27 and retract\$3 near7 (sens\$3 control\$4)   | US-PGPUB; USPAT; USOOR | OR | ON | 2009/10/01 10:50 |
| S33 | 50  | US-20070228204-\$ DID.<br>OR US-5409254-\$ DID.<br>OR US-4256273-\$ DID.<br>OR US-6070892-\$ DID.<br>OR US-6276626-\$ DID.<br>OR US-6679555-\$ DID.<br>OR US-20020036421-\$.<br>DID. OR US-20090057466-\$ DID. OR US-<br>20090057468-\$ DID. OR<br>US-4925228-\$ DID. OR<br>US-6250579-\$ DID. OR<br>US-20070158487-\$ DID.<br>OR US-5209315-\$ DID.<br>OR US-4313047-\$ DID.<br>OR US-5449871-\$ DID.<br>OR US-5481910-\$ DID.<br>OR US-5504284-\$ DID.<br>OR US-5572078-\$ DID.<br>OR US-5964416-\$ DID.<br>OR US-6402055-\$ DID.<br>OR US-6425557-\$ DID.<br>OR US-5607185-\$ DID.<br>OR US-4544134-\$ DID.<br>OR US-4548290-\$ DID.<br>OR US-4589805-\$ DID.<br>OR US-4901604-\$ DID.<br>OR US-3592087-\$ DID.<br>OR US-3788586-\$ DID.<br>OR US-4018415-\$ DID.<br>OR US-4298042-\$ DID.<br>OR US-4306473-\$ DID.<br>OR US-4346526-\$ DID.<br>OR US-4379492-\$ DID.<br>OR US-4405148-\$ DID.<br>OR US-4415181-\$ DID.<br>OR US-4432245-\$ DID.<br>OR US-4502394-\$ DID.<br>OR US-4550666-\$ DID.<br>OR US-4811639-\$ DID.<br>OR US-4823649-\$ DID.<br>OR US-4890810-\$ DID.<br>OR US-4891036-\$ DID. | US-PGPUB; USPAT; USOOR | OR | ON | 2009/10/01 16:22 |

|     |   |                    |  |    |    |                     |  |
|-----|---|--------------------|--|----|----|---------------------|--|
|     |   |                    | OR US-4904010-\$ DID.<br>OR US-5025998-\$ DID.<br>OR US-5178405-\$ DID.<br>OR US-5240196-\$ DID.<br>OR US-5357066-\$ DID.<br>OR US-5380028-\$ DID.<br>OR US-5383370-\$ DID.<br>OR US-5383676-\$ DID. |    |    |                     |  |
| S34 | 4 | Lenning-anders.in. | US-PGPUB;<br>USPAT;<br>USOOR   | OR | ON | 2009/10/01<br>16:38 |  |

10/1/2009 4:42:26 PM

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